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OTHER PUBLICATIONS

Lau, T., "Building a Hypermedia Information System on the Internet," *Scaling New Heights in Technical Communication*, Banff, IPCC Proceedings, Sep. 28-Oct. 1, 1994, pp. 192-197.

Carretero, J. et al., "ParFiSys: A Parallel System for MPP," *Operating Systems Review (SIGOPS)*, 30:02, Apr. 1, 1996, pp. 74-80.

Primary Examiner—Moustafa M. Meky
Attorney, Agent, or Firm—Christensen O'Connor Johnson & Kindness PLLC

[57]

ABSTRACT

A method and apparatus for accessing information on a host computer 106 from a client computer 104 utilizing an intermediate server computer 108 that is connected to the client computer by a network. The host computer transmits a presentation space data stream representing a host screen to the server computer. The server computer creates an HTML document based on the information received from the host computer and transmits the HTML document to the client computer. The client computer creates a Web page based on the HTML document. The Web page includes fields and controls that implement the functionality of the host screens while presenting an improved user interface. A user can create HTML templates that substitute for the automatically created HTML documents for any one or more of the host screens. The server computer inserts session identifiers within the URLs that are contained in the HTML documents, and uses the session identifiers to maintain separate connections between multiple host computers and a single client computer.

40 Claims, 32 Drawing Sheets